

**Bold** = new language

~~Strikeout~~ = existing language deleted in this rulemaking

## **TITLE 326 AIR POLLUTION CONTROL DIVISION**

### **DRAFT RULE**

LSA Document #13-503

### **DIGEST**

Amends 326 IAC 26-2-2 concerning a correction to the Best Available Retrofit Technology (BART) requirements for Alcoa Power Generating Inc. (APGI), Warrick Power Station. Effective 30 days after filing with the Publisher.

### **HISTORY**

Findings and Determination of the Commissioner Pursuant to IC 13-14-9-8: November 20, 2013, Indiana Register (DIN: 20131120-IR-326130503FDA).

Notice of Hearing: November 20, 2013, Indiana Register (DIN: 20131120-IR-326130503PHA).

Change in Notice of Public Hearing: January 29, 2014, Indiana Register (DIN: 20140129-IR-326130503CHA).

Date of Hearing: March 12, 2014.

### **326 IAC 26-2-2**

### **DRAFT RULE**

SECTION 1. 326 IAC 26-2-2 IS AMENDED TO READ AS FOLLOWS:

#### **326 IAC 26-2-2 Alcoa emission limitations and compliance methods**

**Authority:** IC 13-14-8; IC 13-14-9; IC 13-17-3-4; IC 13-17-3-11

**Affected:** IC 13-15; IC 13-17

Sec. 2. Alcoa Power Generating Inc. - Warrick Power Plant, Source Identification Number 00002, and Alcoa, Inc. - Warrick Operations, Source Identification Number 00007, shall comply with the emission limitations and compliance methods as follows:

(1) Boiler 1 at Alcoa Power Generating Inc. - Warrick Power Plant shall be in compliance with the following requirements:

(A) PM (filterable) as follows:

(i) The emission limitation is three-hundredths (0.03) pounds per million British thermal units (lb/MMBtu) on a twenty-four (24) hour daily average.

(ii) The compliance method is a continuous emissions monitoring system (CEMS) at the scrubber outlet in accordance with 40 CFR 60, Appendix

B, Performance Specification 11 (PS-11)\*.

(B) SO<sub>2</sub> as follows:

(i) The removal efficiency is ninety-one percent (91%) SO<sub>2</sub> removal on a twenty-four (24) hour daily average.

(ii) The compliance method is a CEMS at the scrubber inlet and outlet in accordance with 40 CFR 60, Appendix B, Performance Specification 2 (PS-2)\*.

(C) NO<sub>x</sub> as follows:

(i) The emission limitation is thirty-eight hundredths (0.38) lb/MMBtu on a twenty-four (24) hour daily average.

(ii) The compliance method is a CEMS at the scrubber outlet in accordance with PS-2\*.

(2) Boilers 2 and 3 at Alcoa Power Generating Inc. - Warrick Power Plant shall each be in compliance with the following requirements:

(A) PM (filterable) as follows:

(i) The emission limitation is three-hundredths (0.03) lb/MMBtu on a twenty-four (24) hour daily average.

(ii) The compliance method is a CEMS at the scrubber outlet in accordance with PS-11\*.

(B) SO<sub>2</sub> as follows:

(i) The removal efficiency is ninety percent (90%) SO<sub>2</sub> removal on a twenty-four (24) hour daily average.

(ii) The compliance method is a CEMS at the scrubber inlet and outlet in accordance with PS-2\*.

(C) NO<sub>x</sub> as follows:

(i) The emission limitation is thirty-eight hundredths (0.38) lb/MMBtu on a twenty-four (24) hour ~~rolling~~ daily average.

(ii) The compliance method is a CEMS at the scrubber outlet in accordance with PS-2\*.

(3) Boiler 4 at Alcoa Power Generating Inc. - Warrick Power Plant shall be in compliance with PM (filterable) requirements as follows:

(A) The emission limitation is one-tenth (0.1) lb/MMBtu on a twenty-four (24) hour daily average.

(B) The compliance method is in accordance with 40 CFR 60, Appendix A, Method 5\*.

(4) Potlines 2 through 6 at Alcoa, Inc. - Warrick Operations shall be in compliance with the following requirements:

(A) PM (filterable) as follows:

(i) The emission limitation is five-thousandths (0.005) grains per standard cubic foot (grains/scf) as measured at the outlet of the primary control devices for potlines 2 through 6.

(ii) The compliance method is in accordance with 40 CFR 60, Appendix A, Method 5\* for the:

(AA) Gas Treatment Center control device for potlines 3 and 4;  
and

(BB) primary control devices for potlines 2, 5, and 6, except that the stacks selected for sampling shall use the method described in the Site Specific Test Plan for measuring annual total fluoride emissions from potroom group primary control devices, as required by 40 CFR 63.847(b).

(B) SO<sub>2</sub> as follows:

(i) The emission limitations in ~~326 IAC~~ 326 IAC 7-4-10(a)(3)(B) through 326 IAC 7-4-10(a)(3)(F).

(ii) The compliance method is 326 IAC 7-4-10(c) and:

(AA) 326 IAC 7-4-10(b); or

(BB) material balance calculations approved by the department.

\*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of ~~Air Quality~~, **Legal Counsel**, Indiana Government Center North, ~~Tenth~~ **Thirteenth** Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 26-2-2; filed Feb 9, 2011, 10:26 a.m.: 20110309-IR-326090498FRA; errata filed Jan 2, 2013, 2:19 p.m.: 20130123-IR-326130002ACA*)